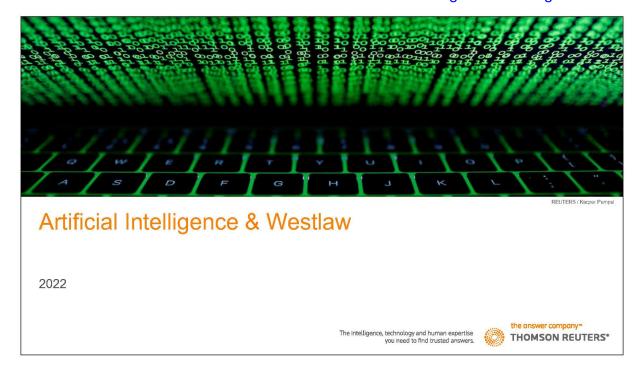
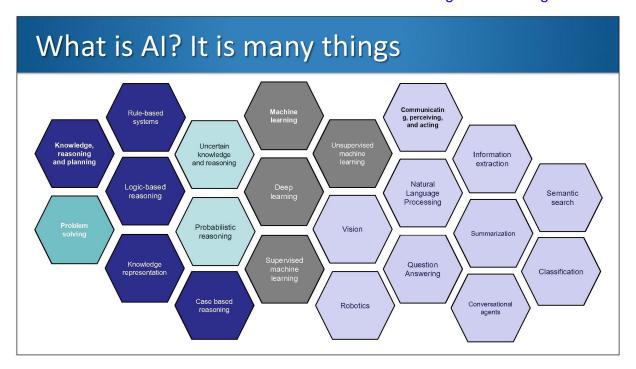
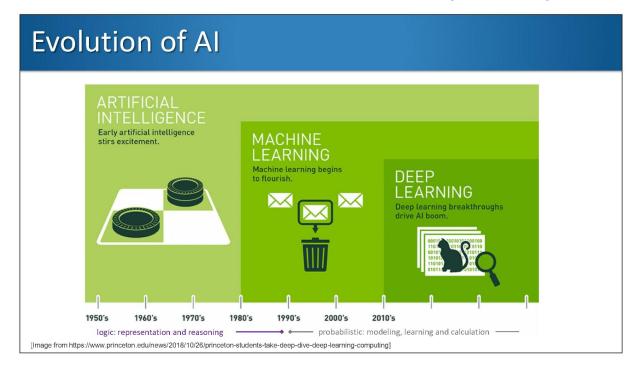
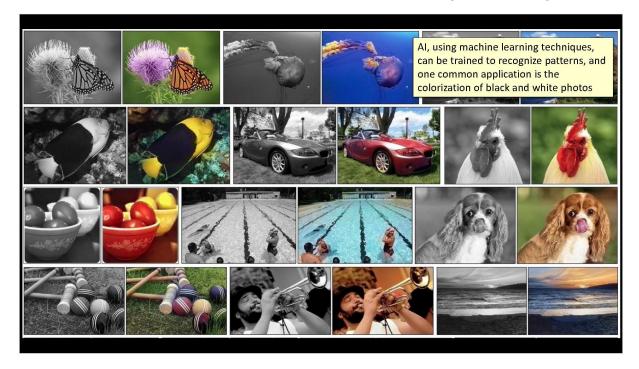
EXHIBIT 47





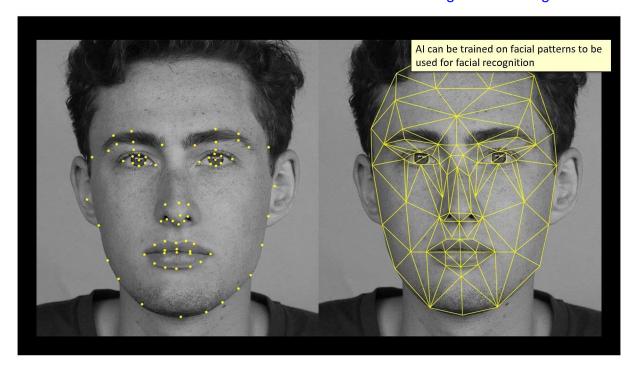




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Succeeding with Al

Building effective AI hinges on 2 main things:

- 1. Data or Content
- 2. Talent or Expertise



In this world of open source [AI technology], the scarce resources are:

Data

Among leading AI teams, many can likely replicate others' software in, at most, 1–2 years. But it is exceedingly difficult to get access to someone else's data. Thus *data*, *rather than software*, *is the defensible barrier for many businesses*.

Talent

Simply downloading and "applying" open-source software to your data won't work. All needs to be customized to your business context and data. This is why there is currently a war for the scarce All talent that can do this work.

Andrew Ng

Former Chief Scientist at Baidu, Founder of Google Brain project, Adjunct Professor at Stanford

Succeeding with Al

Attorney Editors

- 700+ attorney editors
- Many years of professional experience
- Expertise in 40+ practice areas

Data

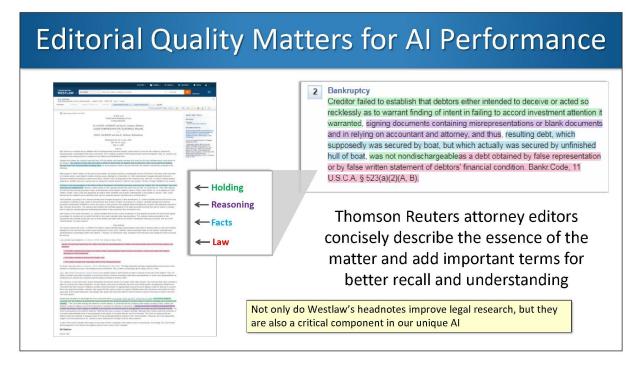
- 100+ years of editorial enhancements
- Leading legal taxonomy (Key Number System)
- Leading legal and tax secondary sources
- Sophisticated citation mapping with KeyCite

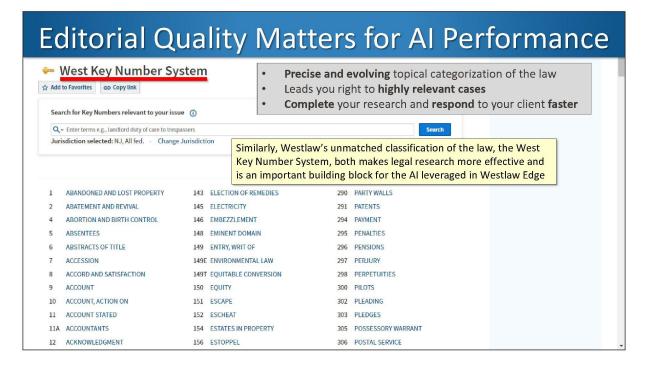
At Thomson Reuters, we have both the **content** and the **expertise** to produce groundbreaking Al-driven capabilities in Westlaw Edge

Research Scientists

- 80+ at Thomson Reuters Labs
- Specialties in AI, involving Machine Learning & Deep Learning, Natural Language Processing, Information Retrieval, and Computational Linguistics
- Deep experience with legal and tax content, taxonomies, and citation networks

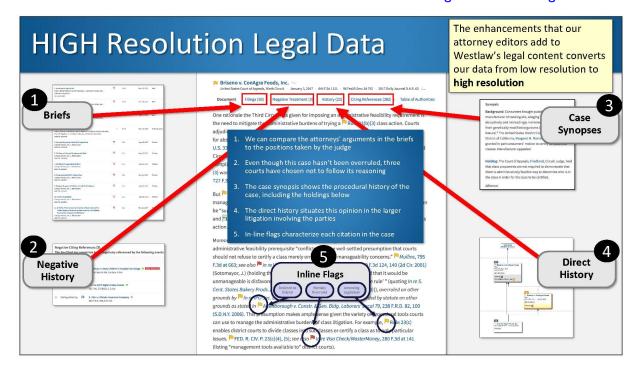


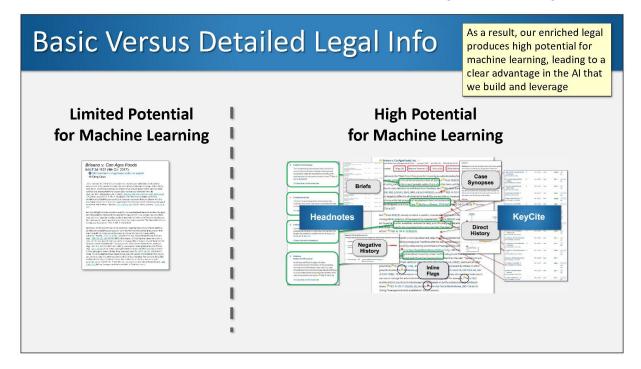






Low Resolution Legal Data Briseno v. Con Agra Foods 844 F.3d 1121 (9th Cir. 2017) ***One rationale the Third Circuit has given for imposing an administrative feasibility requirement is the need to mitigate the administrative burdens of trying a Rule 23(b) (3) class action. Courts adjudicating such actions must provide notice that a class has been certified and an opportunity for absent class members to withdraw from the class. See **Pal - **Mart Stores **Inc. **Dubes, 564 U.S. 338, 392, 131 S.Ct. 2541, 180 L.Bd. 24 374 (2011): **accord FED. R. CIV. P. 23(c) (2) (B). The Third Circuit largely justifies its administrative feasibility prerequisite as necessary to ensure that compliance with this procedural requirement does not compromise the efficiencies Rule 23(b) (3) **was designed to achieve. See Shelton v. Bledsoe, **775 F.34 554, 562 (3d Cir. 2015): **Carrera*, **727 F.34 at 307. **Opinion Text** All legal content inherently has some patterns that Al can pick up upon But Rule 23(b) (3) already contains a specific, enumerated mechanism to achieve that goal: the manageability criterion of the superiority requirement. Bule 23(b) (3) requires that a class action be superior to other available methods for fairly and efficiently adjudicating the controversy, and it specifically mandates that courts consider 'the likely difficulties in managing a class action." FED. R. CIV. P. 278/13(2) MD. Case text, with links to cited and citing cases, provides just the blurriest glimpse into what's really going on Moreover, as the Seventh Circuit has observed, requiring class proponents to satisfy an administrative feasibility prerequisite "conflicts with the well-settled presumption that courts should not refuse to certify a class merely on the basis of manageability concerns." Mullina, "95F.33 dt 663; see also In re Visa Check/MasterMoney Antitrust Litis, "280 F.3d 124, 140 (26 Cir. 2001) (Sottomayor, J.) (holding that refusal to certify a class "on the sole ground that it would be unmanageable is disfavored and "should be the exception rather than the rule" (quoting In re S Cent. States Bakery Frods Antitrust Litis, '86 F.R.D. 407, 423 (M.D. L. 1980))), overruled on other grounds by In re IFD Soc. Litis, '41 F.3d 24 (2d Cir. 2006), and superseded by statute on other grounds as stated in Attembrough v. Canstr. & Cent. Bldg. Laborers' Local 79, 238 F.R.D. 82, 100 (S.D.N.Y. 2006). This presumption makes ample sense given the variety of procedural tools courts can use to manage the with the case **Links to Cases**





WestSearch Plus on Westlaw Edge

A system* containing several machine-learned models incorporating NLP that was trained on hundreds of thousands of Question-Answer Pairs graded by Westlaw attorney-editors Examples:

Q: Is a trustee's duty owed exclusively to settlor in revocable trust?

A: In a revocable trust, the trustee owes a fiduciary duty to the settlor, not to the beneficiaries, as long as the settlor is alive, and during that time, the trustee needs to account to the settlor only and not also to the beneficiaries.

Q: Does a revocable trust become irrevocable when the settlor becomes incapacitated?

A: Where there is only one settlor of a trust, and he or she dies, that settlor is no longer capable of revoking the trust and, there being no other purpose, the trust becomes irrevocable.

Q: Is an in terrorem clause in a will valid?

A: In terrorem clauses are enforceable in New York but are viewed with disfavor by courts and are strictly construed.

*Thomson Reuters is not providing professional advice

WestSearch Plus on Westlaw Edge

WestSearch Plus
uses ML & NLP to
understand the
researcher's
question and to find
the right answers

Keywords, stemming, phrases

Synonyms & equivalencies

Lexical semantics / dictionary definitions / POS

Named Legal Entity & Concept Recognition

Distributional semantics & Word Sense Disambiguation

- · What other terms statistically appear with a term?
- A large language model, RoBERTa (Deep Learning), is fine-tuned on legal question, answer pairs

Discourse features: intent

• Determining the type of answer required based on the type & structure of the question asked.

What is the burden of proof on [PARTY] to establish [CLAIM]?
Burden is on [PARTY] to establish [CLAIM] by [STANDARD]

Al in Thomson Reuters Products

Thomson Reuters
has a long history of
integrating AI
algorithms into
products

Westlaw Is Natural (WIN) search is one of the first commercial implementations of statistical ranking in 1992

WestSearch uses machine learning for learning to rank in 2010

Checkpoint Catalyst uses machine learning for ranking in 2013

WestSearch Plus adds deep learning to represent words and documents in 2018

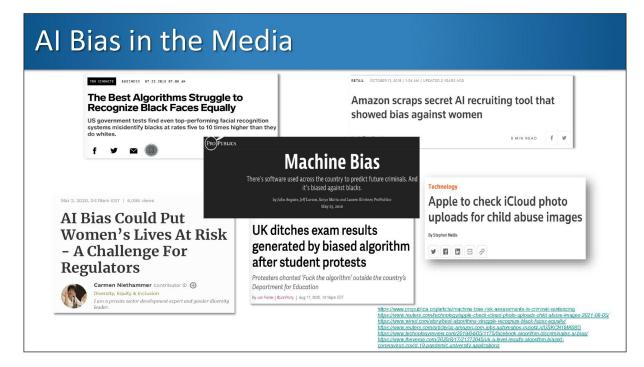
TR Labs conducts early experiments with BERT models on Question Answering in 2018

Westlaw Edge introduces Quick Check, a document analysis tool using ML components in 2019

Checkpoint Edge introduces a BERT-based approach for ranking into a Thomson Reuters product in 2020

WestSearch Plus incorporates BERT-based models to expand coverage and quality of answer passages in 2022

TR Labs continuously adapts AI and deep learning in support of internal editorial teams for Westlaw Precision and future product features



Understanding AI bias Bias is not new, nor is it Design & Pre-Design specific to AI Development Deployment Where there is the most risk where where where from bias with AI: technology is technology is technology is constructed used by, or devised, When there are direct applied to, defined, and impact or consequences specific on specific people elaborated When models are individuals or amplifying human and groups societal biases Goal of TR labs is to identify, understand, measure and reduce bias in AI

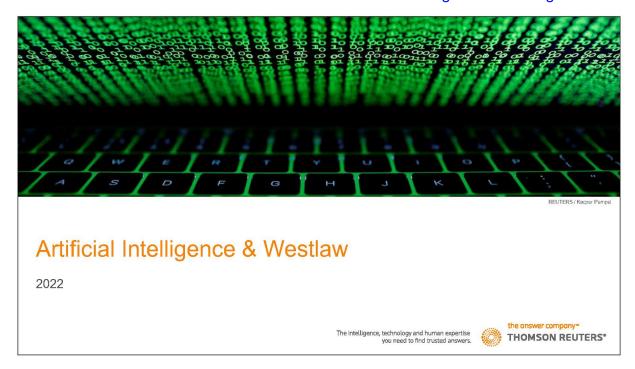


EXHIBIT 48

STATEMENT OF WORK II FOR ROSS BULK MEMOS

This Statement of Work II incorporates and is made pursuant to the October 15, 2015 Master Services Agreement ("MSA") by and between ROSS Intelligence, Inc. ("ROSS"), a Delaware corporation and LegalEase Solutions, LLC ("Contractor") a Michigan limited liability company.

- 1. <u>Definitions</u>: Terms and expressions not expressly defined in this Statement of Work, shall have the following meanings:
 - 1.1. "Case Law" means judicial decisions originating from a judicial or administrative body in the United States of America, or as otherwise prescribed in writing by ROSS and sent to Contractor.
 - 1.2. "Legal Research Question" means a question grounded in legal principles.
 - 1.3. "Memorandum or Memo" means a memorandum of law that answers a Legal Research Question.
 - 1.4. "Quote" means an independent paragraph excerpt from Case Law.
 - 1.5. "Reference List" means the list of Case Law included in the Memo.
 - 1.6. "<u>Deficiency</u>" means a reference quote that does not directly answer the ROSS question.
- 2. <u>Additional Terms and Expressions</u>: Additional capitalized terms and expressions have the meanings ascribed to them in the MSA.
- 3. <u>Currency</u>: Unless stated otherwise, all dollar figures in this Statement of Work are in United States dollars.
- 4. <u>Term</u>: Subject to the termination provisions of this Agreement, the term of this Statement of Work shall be for a period of three months commencing on September 19, 2017 and expiring on December 19, 2017 ("<u>Initial Term</u>"). Upon the expiration of the Initial Term, this Statement of Work shall renew with the prior written mutual consent of ROSS for successive three month periods ("<u>Renewal Terms</u>"), unless terminated pursuant to the terms of the Agreement. The terms Initial and Renewal Terms shall be collectively referred to as the "Term".
- 5. Description of Service:
- 5.1. Contractor agrees to provide ROSS with bulk Memos. Contractor agrees to meet the expectations for performance as set forth in this Statement of Work. Contractor's attorneys will research topics and Legal Research Questions from any Federal or State jurisdiction in the United States, without regard to any legal decisions, draft Memos, and compile the Memos in the format approved by ROSS.
- 5.2. Each Memo shall include a Legal Research Question and a Reference list with a target of at least four (4) and no more than six (6) Quotes.
- 5.3. Two (2) to four (4) Quotes in each Memo shall contain either a "great" or "good" independent answer to the Legal Research Question. A "great" Quote is one that contains an answer to all essential elements of the Legal Research Question while a "good" Quote is one that contains an answer to most essential elements of the Legal Research Question. The Contractor shall strive for four (4) "good" or "great" Quotes per question. However, if

Contractor is only able to find 2 or 3 "good" or "great" Quotes, they shall only provide 2 or 3 "good" or "great" Quotes. Contractor shall strive to have more "great" than "good" Quotes.

- 5.4. One (1) Quote in each Memo shall contain a "topical" independent response to the Legal Research Question. A "topical" response is a response that answers and/or references limited components of a Legal Research Question but does not answer the essential elements of such Legal Research Question.
- 5.5. One (1) Quote in each Memo shall contain an "irrelevant" independent response to the Legal Research Question. An "irrelevant" response is a response that contains one or more keywords from the Legal Research Question but does answer and/or reference any elements of the Legal Research Question, either limited or essential.
- 5.6. Contractor shall label whether a Quote contains a response that is "great", "good", "topical" or "irrelevant" and double bracket and bold the specific component(s) of each such Quote that is "great", "good", "topical" or "irrelevant." Contractor shall also label which legal practice area each Quote falls under.
- 6. Changes: ROSS reserves the right to request changes, deletions, or additions as deemed necessary by ROSS and Contractor. ROSS' proposed changes shall become effective only by written agreement of Contractor.
- 7. <u>Production/Delivery Schedule</u>: Contractor agrees to draft ROSS questions and Memos pursuant to the Production Run schedule below. In the First Production Run of Memos, Contractor shall commence providing deliverables on October 19, 2017 and conclude on December 19, 2017, as outlined below. For the Subsequent Production Runs of Memos, Contractor shall provide 20,000 Memos in subsequent months to ROSS.

First Production Run

Delivery Date	Amount of Memos
October 19, 2017	5,000
November 19, 2017	10,000
December 19, 2017	10,000

Subsequent Production Run

Delivery Date	Amount of Memos
Month 1	20,000
Month 2	20,000
Month 3	20,000
Month 4	15,000

8. Fee: ROSS shall pay Contractor pursuant to the schedule below:

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Reference Quotes	Price per Memo	

4 Quotes + 1 topical and 1 irrelevant Quote	\$26.17
3 Quotes + 1 topical and 1 irrelevant Quote	\$24.55
2 Quotes + 1 topical and 1 irrelevant Quote	\$21.00

Contractor shall provide a 5% volume discount to ROSS for any Memo purchase over 25,000 and a 15% volume discount for a total order of 100,000 Memos.

- 9. Payment: ROSS shall pay Contractor in advance at the beginning of each month for the following 30 days of expected output at a minimum \$21.00 price per Memo (each, an "Advance Payment"). For clarity, the Advance Payment for the (i) first 5,000 Memos of the First Production Run due October 19, 2017 shall be \$105,000 and shall be made on September 19, 2017; (ii) subsequent 10,000 Memos of the First Production Run due November 19, 2017 shall be \$210,000 and shall be made on October 19, 2017 and (iii) final 10,000 Memos of the First Production Run due December 19, 2017 shall be \$210,000 and shall be made on November 20, 2017. For any Subsequent Production Run, the Advance Payment shall be \$420,000. If there is a difference between an Advance Payment amount and aggregate Memo cost during a Production Run pursuant to the Section 8 Fee schedule (the "Cost Difference"), Contractor shall provide ROSS a detailed accounting of such Cost Difference in a timely manner and ROSS shall pay such Cost Difference within seven (7) days receipt of such detailed accounting.
- 10. <u>Delivery</u>: Contractor shall deliver batched Memos via e-mail or FTP to <u>ross@rossintelligence.com</u> and via the ROSS Memo upload portal (the "<u>Portal</u>"). The Portal shall meet necessary specifications of speed and capacity to process daily batched Memo uploads.
- 11. Quality Assurance: Contractor shall ensure the Memos submitted follow the (i) quality control processes detailed in the LegalEase Solutions Quality Control Guide ("QCG") provided in Schedule A to this Statement of Work and the (ii) Quality Control Checklist provided in Schedule B to this Statement of Work. Contractor shall follow a staged quality control process. There will be 100% quality control for the first 2000 Memos, 75% for the next 10,000 Memos and 25% for the remaining Memos. If any of the Memos submitted do not meet the parameters prescribed in the QCG, ROSS shall inform Contractor of such Deficiencies within 14 days of receipt of the applicable Memos. If no such notice is received within the prescribed 14 days, the applicable Memos shall be deemed fully accepted by ROSS. A 15% penalty shall be charged to any Memo and/or batch of Memos that fail to meet the QCG requirements.
- 12. <u>Reporting</u>: Contractor shall email daily reports to ROSS which include the production totals, QCG results, and other requested information from ROSS.
- 13. <u>Destruction of Memos</u>: Contractor acknowledges that the Memos constitute Confidential Information and shall remove and destroy all Memos and copies of Memos in its

possession within sixty (60) days of each Production Run and shall concurrently confirm to ROSS that such removal and destruction has occurred.

14. Existing Agreements: This Statement of Work is ancillary to existing agreements, including, but not limited to the MSA and prior Statements of Work.

Date: September <u>15</u>, 2017

ROSS INTELLIGENCE, INC.

Name: Andrew Arruda

Title: Chief Executive Officer

LEGALEASE LLC

Name: Tariq Hafeez

Title: President

Quality Control Guide for ROSS Intelligence

Drafting Questions, Preparing Responsive Memorandum, and Quality Control Procedures

LegalEase Solutions LLC



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Overview

Introduction

The LegalEase Solutions Quality Control Guide ("QCG") is the primary quality assurance resource and playbook for our attorneys. This QCG provides all the tools and resources needed for the drafting and delivery of ROSS Intelligence memos.

Audience

The intended audience for this guide is our attorneys who prepare Ross memos. Additionally, this guide may be utilized by ROSS to review our internal process.

Objectives

This guide:

- Identifies clear guidelines for attorneys to follow when designing, developing, and researching, drafting, and delivering ROSS memos.
- Describes quality control standards for ROSS memos.
- Describes quality control procedures and processes set in place for ROSS memo production.



Legal Disclaimer

This Quality Control Guide includes proprietary, confidential, and/or trade secret information. LegalEase considers this information to be a trade secret not subject to disclosure.

Private and Confidential - Page 3 of 6



The LegalEase ROSS Team and Process

We have organized a comprehensive team for this project. Leading the team for ROSS operations are Teri Whitehead, VP of Global Strategy and Gayathri Rajeev, Director of Operations in India. Teri and Gayathri will oversee operations and are available anytime to address and resolve any potential concerns.

Attorneys. Our team of attorneys will research topics and questions, draft the memos, and compile the memos in the ROSS approved format. We will ensure that our attorneys follow this QCG for drafting memos and utilize our internal associate work product checklists. The steps include:

- i. Using our LegalEase's creative process, to produce ROSS questions.
- ii. Research answers to questions.
- iii. Draft ROSS memorandum.

Quality Control Attorneys. We have allocated a minimum of 5 separate QC attorneys to independently review memos, ensuring that ROSS standards are met. These attorneys have a minimum of 3 years' experience in these positions. The QC team will be expanded as needed per the scope and requirements of this project. The QC team will follow the QC checklist setting out the steps to be followed in completing the process. These steps include:

- i. Review and confirm the grammar, question format, and citations.
- ii. Confirm and review short answer and legal analysis.
- iii. Review reference quotes for relevancy.
- iv. Confirm case law.
- v. Advise associates of errors and design action plan to avoid future errors.

Staged Quality Control Process. Our QC attorneys will follow LegalEase's staged quality control process. We have used this process with success on other large accounts with over 50,000 documents.

First Stage:

100% QC of 2000 Memos. Our QC attorneys will QC 100% of the first 2000 memos.

Second Stage:

75% for the next 10,000 memos. Our QC attorneys will QC 75% of the next 10,000 memos.

Third Stage:

25% for the remaining memos. Our QC attorneys will QC 25% or more of the remaining memos.

Private and Confidential - Page 4 of 6



Production Expeditors. Our dedicated ROSS production expeditors will comply and follow ROSS' process on delivery, including the portal upload, data tracking, and logistics. These steps include:

- i. Validate question originality.
- ii. Upload memorandum to ROSS dedicated portal.
- iii. Update internal LE production tracking sheet.
- iv. Email production totals of attorneys and QC attorneys to Project Managers.
- v. Update internal exception error tracking sheet.
- vi. Update ROSS' completion tracking sheet.

India and US Project Managers. We have assigned to ROSS, three project managers. Our project managers will guarantee and ensure ROSS quality and processes. Having project managers in different time zones will provide round the clock attention and access.

The role of the PM's include:

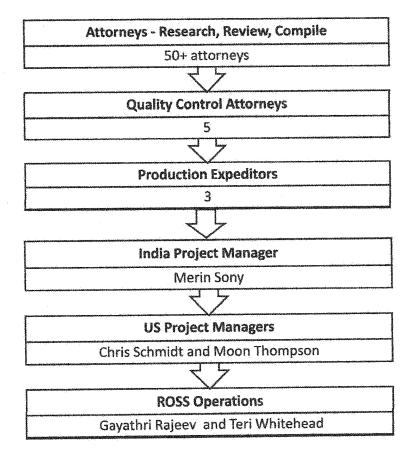
- i. Review production of attorneys, QC attorneys, production expeditors.
- ii. Daily review protocol and process for efficiencies following LE model theory of constraints.
- iii. Address any concerns.
- iv. Email daily reports to LegalEase Operations detailing production, legal topics addressed, upload process production, improved efficiencies, and QC results.

Ross Operations. Teri Whitehead and Gayathri Rajeev will oversee all aspects of this project. Teri and Gayathri's role includes the following:

- i. Address any concerns.
- ii. Email daily reports to the ROSS team providing production totals, QC results, and other requested information.
- iii. Host daily conference status calls with the ROSS Production team.



The LegalEase ROSS Process Flowchart



Case 1;20-cv-00613-SB Document 690-27 Filed 10/01/24 Page 36 of 38 PageID #: 137799

Document ID : ROSS Bulk QCC
Date of Issue : 07.08.2017
Periodic Review : 09.15.2017
Revision No :

Quality Control Checklist for ROSS Intelligence

LegalEase Solutions LLC

Document ID : ROSS Bulk (Date of Issue : 07.08.2017 Periodic Review : 09.15.2017

: ROSS Bulk QCC

Revision No

QUALITY CONTROL CHECKLIST FOR ROSS BULK MEMOS

Attorney - ROSS Intelligence Checklist

	Description	Completed
1.	Draft ROSS questions following LegalEase Creative Process.	
2.	Research questions using online resources and accounts.	
3.	Label cases as great, good, topical, and irrelevant.	
4.	Confirm that great, and good quotes answer the question directly.	
5.	Add topical and irrelevant cases.	
6.	Confirm that the topical and irrelevant cases meet the criteria.	
7.	Confirm grammar correct throughout memo.	
8.	Confirm the font and space of the memo.	
9.	Follow file name convention.	

Review Attorney - ROSS Intelligence Checklist

Description	QC 1	QC 2
Question should not be state specific.		
Grammar check of question.		
Quotes to be labeled correctly.		
GREAT – must contain all essential elements of the question.		
GOOD – contains most of the essential elements of the question.		

Document ID Date of Issue Periodic Review : 09.15.2017

: ROSS Bulk QCC : 07.08.2017

Revision No

	TOPICAL – foundation quote, background information.		
	IRRELEVANT- has no reference or relevance.		
	Should label as Great Case 1, Great Case 2, and not Great		
	Quote.		
	Bracketed language must answer question.		
	Bracketed language may be up to a paragraph.		
	If necessary, you can double bracket separate sentences.		
	Bracketed language must be a sentence. Not just two		
	words.		
	Double Brackets, and Content in Bold.		
	No red squiggly line,		
	Confirm reference quote. Ensure Topical quote and		
	Irrelevant quotes are added.		
	Smartsheet updates.		
	Double check the Form - Double Brackets for Quotes. No		
	highlights.		
	Memo number.		
7.2			
	Memo saved in correct format – naming convention.		
		viragija mragov	- Control of the Cont